



## Hostacom X M3 V02

### Compounded Polyolefin

#### Product Description

#### Product Characteristics

|                                      |                                                         |
|--------------------------------------|---------------------------------------------------------|
| <b>Status</b>                        | Commercial: Active                                      |
| <b>Test Method used</b>              | ISO                                                     |
| <b>Availability</b>                  | Europe, Asia-Pacific, Africa-Middle East, Latin America |
| <b>Features</b>                      | Copolymer                                               |
| <b>Typical Customer Applications</b> | Interior Applications                                   |

| Typical Properties                                                                | Method        | Value Unit                 |
|-----------------------------------------------------------------------------------|---------------|----------------------------|
| <b>Physical</b>                                                                   |               |                            |
| Density                                                                           | ISO 1183      | 1.15 g/cm <sup>3</sup>     |
| Melt flow rate (MFR) (230°C/2.16Kg)                                               | ISO 1133      | 20 g/10 min                |
| <b>Mechanical</b>                                                                 |               |                            |
| Tensile Stress at Break (50 mm/min)                                               | ISO 527-1, -2 | 18.0 MPa                   |
| Tensile Stress at Yield (50 mm/min)                                               | ISO 527-1, -2 | 25.0 MPa                   |
| Tensile Strain at Break (50 mm/min)                                               | ISO 527-1, -2 | 35 %                       |
| Tensile Strain at Yield (50 mm/min)                                               | ISO 527-1, -2 | 4.0 %                      |
| Flexural modulus (Secant)                                                         | ISO 178       | 2000 MPa                   |
| <b>Impact</b>                                                                     |               |                            |
| Charpy unnotched impact strength<br>(-30 °C, Type 1, Edgewise)                    | ISO 179       | 30.0 kJ/m <sup>2</sup>     |
| (23 °C, Type 1, Edgewise)                                                         |               | No Break kJ/m <sup>2</sup> |
| Charpy notched impact strength (23 °C, Type 1, Edgewise, Notch A, Complete Break) | ISO 179       | 7.00 kJ/m <sup>2</sup>     |
| <b>Hardness</b>                                                                   |               |                            |
| Ball indentation hardness (H 358/30)                                              | ISO 2039-1    | 61.0 MPa                   |
| <b>Thermal</b>                                                                    |               |                            |
| Heat deflection temperature B (0.45 MPa)<br>Unannealed                            | ISO 75B-1, -2 | 113 °C                     |
| Heat deflection temperature A (1.80 MPa)<br>Unannealed                            | ISO 75A-1, -2 | 55.0 °C                    |

#### Notes

Typical properties; not to be construed as specifications.

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Users should review the applicable Material Safety Data Sheet before handling the product.

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